=> file reg
FILE 'REGISTRY'
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=> display history full l1-

        FILE 'HCAPLUS'
L1   702 SEA SHIMASAKI ?/AU
L2   8859 SEA LIJIMA ?/AU OR IIJIMA ?/AU
L3   2 SEA L1 AND L2
                SEL L3 2 RN

        FILE 'REGISTRY'
L4   7 SEA (111-42-2/BI OR 217793-96-9/BI OR 25085-99-8/BI OR

        FILE 'HCA'
L5   175023 SEA POLYEPOX? OR (EPOXID? OR EPOXY OR EPOXIES?)(2A)(POLY
                OR POLYM? OR COPOLYM? OR HOMOPOLYM? OR TERPOLYM? OR
                RESIN? OR GUM#)

        FILE 'REGISTRY'
                E MONOMETHYLAMINE/CN
L6   1 SEA MONOMETHYLAMINE/CN
                E DIMETHYLAMINE/CN
L7   1 SEA DIMETHYLAMINE/CN
                E MONOETHYLAMINE/CN
L8   1 SEA MONOETHYLAMINE/CN
                E DIETHYLAMINE/CN
L9   1 SEA DIETHYLAMINE/CN
                E MONOISOPROPYLAMINE/CN
L10   1 SEA MONOISOPROPYLAMINE/CN
                E DIISOPROPYLAMINE/CN
L11   1 SEA DIISOPROPYLAMINE/CN
                E TRIISOPROPYLAMINE/CN
L12   1 SEA TRIISOPROPYLAMINE/CN
                E MONOBUTYLAMINE/CN
L13   1 SEA MONOBUTYLAMINE/CN
                E DIBUTYLAMINE/CN
L14   1 SEA DIBUTYLAMINE/CN
                E MONOETHANOLAMINE/CN
L15   1 SEA MONOETHANOLAMINE/CN
                E DIETHANOLAMINE/CN
L16   1 SEA DIETHANOLAMINE/CN
                E MONO(2-HYDROXYPROPYL)AMINE/CN

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                        E 2-HYDROXYPROPYLAMINE/CN
L17             1 SEA 2-HYDROXYPROPYLAMINE/CN
                        E DIISOPROPANOLAMINE/CN
L18             1 SEA DIISOPROPANOLAMINE/CN
                        E TRIISOPROPANOLAMINE/CN
L19             1 SEA TRIISOPROPANOLAMINE/CN
                        E MONOMETHYLAMINOETHANOL/CN
L20             1 SEA MONOMETHYLAMINOETHANOL/CN
                        E MONOETHYLAMINOETHANOL/CN
                        E MONOETHYLAMINO ETHANOL/CN
                        E ETHYLAMINOETHANOL/CN
                        E MONOETHYL AMINOETHANOL/CN
                        E ETHANOL, 2-(ETHYLAMINO)-/CN
L21             1 SEA "ETHANOL, 2-(ETHYLAMINO)-"/CN
                        E ETHYLENEDIAMINE/CN
L22             1 SEA ETHYLENEDIAMINE/CN
                        E PROPYLENEDIAMINE/CN
L23             1 SEA PROPYLENEDIAMINE/CN
                        E BUTYLENE DIAMINE/CN
                        E BUTYLENEDIAMINE/CN
                        E 1,4-DIAMINOBUTANE/CN
L24             1 SEA "1,4-DIAMINOBUTANE"/CN
                        E 1,6-DIAMINOHEXANE/CN
L25             1 SEA "1,6-DIAMINOHEXANE"/CN
                        E TETRAETHYLENEPENTAMINE/CN
L26             1 SEA TETRAETHYLENEPENTAMINE/CN
                        E PENTAETHYLENEHEXAMINE/CN
L27             1 SEA PENTAETHYLENEHEXAMINE/CN
                        E DIETHYLAMINOPROPYLAMINE/CN
                        E N,N-DIETHYL-1,3-PROPANEDIAMINE/CN
L28             1 SEA "N,N-DIETHYL-1,3-PROPANEDIAMINE"/CN
                        E DIETHYLENETRIAMINE/CN
L29             1 SEA DIETHYLENETRIAMINE/CN
                        E TRIETHYLENETETRAMINE/CN
L30             1 SEA TRIETHYLENETETRAMINE/CN
                        E ETHYLENEIMINE/CN
L31             1 SEA ETHYLENEIMINE/CN
                        E PROPYLENEIMINE/CN
                        E PROPYLENE IMINE/CN
                        E METHYLAZIRIDINE/CN
                        E METHYL AZIRIDINE/CN
                        E AZIRIDINE, 2-METHYL-/CN
L32             1 SEA "AZIRIDINE, 2-METHYL-"/CN
                        E PIPERAZINE/CN
L33             1 SEA PIPERAZINE/CN
                        E MORPHOLINE/CN
L34             1 SEA MORPHOLINE/CN
                        E PYRAZINE/CN
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L35              1 SEA PYRAZINE/CN
L36             30 SEA (L6 OR L7 OR L8 OR L9 OR L10 OR L11 OR L12 OR L13 OR
                    L14 OR L15 OR L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR
                    L22 OR L23 OR L24 OR L25 OR L26 OR L27 OR L28 OR L29 OR
                    L30 OR L31 OR L32 OR L33 OR L34 OR L35)
                    SAV L36 CAM706/A
                    E XYLENE/CN
L37              1 SEA XYLENE/CN
L38            384 SEA 1330-20-7/CRN
                    E FORMALDEHYDE/CN
L39              1 SEA FORMALDEHYDE/CN
L40          26038 SEA 50-00-0/CRN
L41            223 SEA L38 AND L40
                    E PHENOLIC RESIN/PCT
L42          16096 SEA "PHENOLIC RESIN"/PCT
L43            135 SEA L41 AND L42
                    E O-XYLENE/CN
L44              1 SEA O-XYLENE/CN
                    E M-XYLENE/CN
L45              1 SEA M-XYLENE/CN
                    E P-XYLENE/CN
L46              1 SEA P-XYLENE/CN
L47              3 SEA L44 OR L45 OR L46
                    SEL L47 1-3 RN
                    EDIT E1-E3 /BI /CRN
L48           1726 SEA (106-42-3/CRN OR 108-38-3/CRN OR 95-47-6/CRN)
L49             57 SEA L48 AND L40
L50             29 SEA L49 AND L42
L51            164 SEA L50 OR L43


     FILE 'HCA'
L52         164058 SEA L36
L53           1453 SEA ALKYLENEIMINE# OR ALKYLENEAMINE# OR ALKYLENE#(2A)(IMI
                    NE# OR AMINE# OR POLYAMINE#)
L54          10356 SEA (AMINO# OR POLYAMINO# OR AMINE# OR POLYAMINE#)(3A)L5
L55           6294 SEA (L52 OR L53) AND L5
L56          14550 SEA L54 OR L55
L57            280 SEA L51


     FILE 'REGISTRY'
L58          58352 SEA BI/ELS


     FILE 'HCA'
L59         141995 SEA L58
L60           7991 SEA BLOCK?(3A)(?ISOCYANAT? OR NCO OR OCN OR COSMONATE#)


     FILE 'REGISTRY'
                    ACT POLYOLS/A
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L61 (          16)SEA (GLYCEROL OR DIGLYCEROL OR TRIGLYCEROL OR TETRAGLYCER
                    OL OR PENTAGLYCEROL OR HEXAGLYCEROL OR TRIMETHYLOLMETHANE
                     OR TRIMETHYLOLETHANE OR TRIMETHYLOLPROPANE OR PENTAERYTH
                    RITOL OR DIPENTAERYTHRITOL OR TRIPENTAERYTHRITOL OR
                    SORBITOL OR INOSITOL)/CN
L62 (           1)SEA 7426-71-3
L63            17 SEA L62 OR L61
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    FILE 'LCA'
L64           813 SEA POLYOL# OR POLYALC# OR POLYALCOHOL## OR POLYHYDRIC?
                    OR ETHYLENEGLYCOL# OR PROPYLENEGLYCOL# OR (ETHYLENE# OR
                    PROPYLENE#)(A)GLYCOL# OR GLYCERIN# OR GLYCEROL# OR
                    DIGLYCEROL# OR TRIGLYCEROL# OR TETRAGLYCEROL# OR
                    PENTAGLYCEROL# OR HEXAGLYCEROL#
L65           249 SEA TRIMETHYLOLMETHANE# OR TRIMETHYLOLETHANE# OR
                    TRIMETHYLOLPROPANE# OR PENTAERYTHRITOL# OR DIPENTAERYTHRI
                    TOL# OR TRIPENTAERYTHRITOL# OR SORBITOL# OR INOSITOL#


    FILE 'REGISTRY'
             E ETHYLENE GLYCOL/CN
L66            1 SEA "ETHYLENE GLYCOL"/CN
             E PROPYLENE GLYCOL/CN
L67            1 SEA "PROPYLENE GLYCOL"/CN


    FILE 'HCA'
L68        447603 SEA L63 OR L66 OR L67 OR L64 OR L65 OR POLYOL#


    FILE 'LREGISTRY'
L69            STR
L70            STR


    FILE 'REGISTRY'
L71            13 SEA SUB=L51 SSS SAM (L69 OR L70)
L72           280 SEA L41 OR L49


    FILE 'HCA'
L73           742 SEA L72


    FILE 'REGISTRY'
L74           164 SEA L72 AND L42
L75           164 SEA L51 OR L74
L76            58 SEA L72 AND ACID#


    FILE 'HCA'
L77            35 SEA L76
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FILE 'LCA'
L78   7647 SEA (FILM? OR THINFILM? OR LAYER? OR OVERLAY? OR
               OVERLAID? OR LAMIN? OR LAMEL? OR SHEET? OR LEAF? OR
               FOIL? OR COAT? OR TOPCOAT? OR OVERCOAT? OR VENEER? OR
               SHEATH? OR COVER? OR ENVELOP? OR ENCAS? OR ENWRAP? OR
               OVERSPREAD?)/BI,AB

FILE 'HCA'
L79   265037 SEA (METAL#### OR STEEL?)(2A)(FILM? OR THINFILM? OR
               LAYER? OR OVERLAY? OR OVERLAID? OR LAMIN? OR LAMEL? OR
               COAT? OR TOPCOAT? OR OVERCOAT? OR VENEER? OR SHEATH? OR
               COVER? OR ENVELOP? OR ENCAS? OR ENWRAP? OR OVERSPREAD?
               OR CLAD?)
L80   630673 SEA COAT?/IT
               E COATING MATERIALS/CV
L81   264760 SEA "COATING MATERIALS"/CV
               E COATINGS/CV
L82   43471 SEA "COATING(S)"/CV OR COATINGS/CV
               E COATING PROCESS/CV
L83   121322 SEA "COATING PROCESS"/CV
L84   361588 SEA CORRO? OR ANTICORR? OR RUST? OR ANTIRUST?
L85   63 SEA L56 AND (L73 OR XYLENE#(3A)(FORMALDEHYDE# OR CH2O OR
               HCHO OR H2CO))
L86   44 SEA L85 AND ((L79 OR L80 OR L81 OR L82 OR L83 OR L84))
L87   4 SEA L85 AND (L59 OR BISMUTH# OR BI)
L88   11 SEA L85 AND L60

FILE 'REGISTRY'
L89   1 SEA 9016-87-9

FILE 'HCA'
L90   4331 SEA L89
L91   4 SEA L85 AND L90
L92   13 SEA L87 OR L88 OR L91
L93   31 SEA L86 NOT L92
L94   2165 SEA L56 AND L68
L95   1180 SEA L94 AND ((L79 OR L80 OR L81 OR L82 OR L83 OR L84))

FILE 'REGISTRY'
L96   1 SEA 217793-96-9

FILE 'HCA'
L97   4 SEA L96
L98   0 SEA L94 AND L97
L99   1 SEA L56 AND L97

FILE 'REGISTRY'
               E CAPROLACTONE/CN

L100   1 SEA CAPROLACTONE/CN

        FILE 'HCA'
L101   11938 SEA L100 OR CAPROLACTONE#
L102   44 SEA L95 AND L101
L103   4218 SEA CATIONIC?(2A)(FILM? OR THINFILM? OR LAYER? OR
                     OVERLAY? OR OVERLAID? OR LAMIN? OR LAMEL? OR COAT? OR
                     TOPCOAT? OR OVERCOAT? OR VENEER? OR SHEATH? OR COVER? OR
                     ENVELOP? OR ENCAS? OR ENWRAP? OR OVERSPREAD? OR CLAD?)
L104   224 SEA L94 AND L103
L105   22 SEA L102 AND L103
L106   24 SEA L102 AND (L79 OR L84)
L107   14 SEA L105 AND L106
L108   1 SEA L93 AND L103
L109   10 SEA L85 AND L103
L110   2 SEA L109 NOT L92
L111   15 SEA L92 OR L109
L112   30 SEA L93 NOT L111
L113   15 SEA L99 OR L107
L114   10 SEA L106 NOT L113
L115   21 SEA L56 AND L57
L116   3 SEA L56 AND L77
L117   21 SEA L115 OR L116

        FILE 'REGISTRY'

=> d l71 que stat
L38   384 SEA FILE=REGISTRY 1330-20-7/CRN
L40   26038 SEA FILE=REGISTRY 50-00-0/CRN
L41   223 SEA FILE=REGISTRY L38 AND L40
L42   16096 SEA FILE=REGISTRY "PHENOLIC RESIN"/PCT
L43   135 SEA FILE=REGISTRY L41 AND L42
L48   1726 SEA FILE=REGISTRY (106-42-3/CRN OR 108-38-3/CRN OR
                     95-47-6/CRN)
L49   57 SEA FILE=REGISTRY L48 AND L40
L50   29 SEA FILE=REGISTRY L49 AND L42
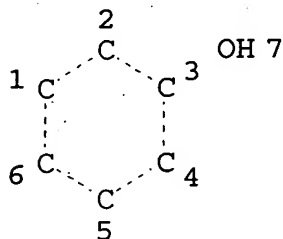L51   164 SEA FILE=REGISTRY L50 OR L43
L69   STR

   3
   O
   ¦
 Ak---OH
1   2

NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS   3

STEREO ATTRIBUTES: NONE
L70   STR

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        2
        C.          OH 7
 1  C .´    `. C 3
    :          :
 6  C .       . C 4
        `. C .´
           5
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NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC I
NUMBER OF NODES IS   7

STEREO ATTRIBUTES: NONE

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       FILE 'CAPLUS, WPIX, USPATFULL, USPAT2, JAPIO' ENTERED AT 09:47:31 ON 22
       SEP 2005
L1            2 SEA ABB=ON   PLU=ON   SHIMASAKI AKIHIKO/AU,IN
L2            0 SEA ABB=ON   PLU=ON   SHIMASAKI AKIHIKO/AU,IN
L3            5 SEA ABB=ON   PLU=ON   SHIMASAKI AKIHIKO/AU,IN
L4            2 SEA ABB=ON   PLU=ON   SHIMASAKI AKIHIKO/AU,IN
L5            0 SEA ABB=ON   PLU=ON   SHIMASAKI AKIHIKO/AU,IN
       TOTAL FOR ALL FILES
L6            9 SEA ABB=ON   PLU=ON   SHIMASAKI AKIHIKO/AU,IN
L7            6 DUP REM L6 (3 DUPLICATES REMOVED)
              D 1-6 BIB AB
L8           89 SEA ABB=ON   PLU=ON   IIJIMA HIDEKI/AU,IN
L9            0 SEA ABB=ON   PLU=ON   IIJIMA HIDEKI/AU,IN
L10          13 SEA ABB=ON   PLU=ON   IIJIMA HIDEKI/AU,IN
L11           5 SEA ABB=ON   PLU=ON   IIJIMA HIDEKI/AU,IN
L12          45 SEA ABB=ON   PLU=ON   IIJIMA HIDEKI/AU,IN
       TOTAL FOR ALL FILES
L13         152 SEA ABB=ON   PLU=ON   IIJIMA HIDEKI/AU,IN
L14          14 SEA ABB=ON   PLU=ON   L8 AND (COAT? OR FLM?)
L15           0 SEA ABB=ON   PLU=ON   L9 AND (COAT? OR FLM?)
L16           7 SEA ABB=ON   PLU=ON   L10 AND (COAT? OR FLM?)
L17           3 SEA ABB=ON   PLU=ON   L11 AND (COAT? OR FLM?)
L18           2 SEA ABB=ON   PLU=ON   L12 AND (COAT? OR FLM?)
       TOTAL FOR ALL FILES
L19          26 SEA ABB=ON   PLU=ON   L13 AND (COAT? OR FLM?)
L20          16 SEA ABB=ON   PLU=ON   L8 AND (COAT? OR FILM?)
L21           0 SEA ABB=ON   PLU=ON   L9 AND (COAT? OR FILM?)
L22           7 SEA ABB=ON   PLU=ON   L10 AND (COAT? OR FILM?)
L23           3 SEA ABB=ON   PLU=ON   L11 AND (COAT? OR FILM?)
L24           4 SEA ABB=ON   PLU=ON   L12 AND (COAT? OR FILM?)
       TOTAL FOR ALL FILES
L25          30 SEA ABB=ON   PLU=ON   L13 AND (COAT? OR FILM?)
L26          11 SEA ABB=ON   PLU=ON   L20 AND ?EPOX?
L27           0 SEA ABB=ON   PLU=ON   L21 AND ?EPOX?
L28           7 SEA ABB=ON   PLU=ON   L22 AND ?EPOX?
L29           3 SEA ABB=ON   PLU=ON   L23 AND ?EPOX?
L30           0 SEA ABB=ON   PLU=ON   L24 AND ?EPOX?
       TOTAL FOR ALL FILES
L31          21 SEA ABB=ON   PLU=ON   L25 AND ?EPOX?
L32           2 SEA L7
L33          10 SEA ABB=ON   PLU=ON   L26 NOT L32
L34           0 SEA L7
L35           0 SEA ABB=ON   PLU=ON   L27 NOT L34
L36           4 SEA L7
L37           4 SEA ABB=ON   PLU=ON   L28 NOT L36
L38           0 SEA L7
L39           3 SEA ABB=ON   PLU=ON   L29 NOT L38
L40           0 SEA L7
L41           0 SEA ABB=ON   PLU=ON   L30 NOT L40
       TOTAL FOR ALL FILES
L42          17 SEA ABB=ON   PLU=ON   L31 NOT L7
              D 1-17 BIB AB


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